



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/809,407	03/15/2001	Richard Gelbard	254/100	3573

7590 06/16/2004

GLEN M. KUBOTA, ESQ.
MORRISON & FOERSTER LLP
555 WEST FIFTH STREET
SUITE 3500
LOS ANGELES, CA 90013-1024

EXAMINER

HO, TUAN V

ART UNIT	PAPER NUMBER
----------	--------------

2612

DATE MAILED: 06/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/809,407

Applicant(s)

GELBARD, RICHARD

Examiner

TUAN HO

Art Unit

2612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-18 and 23-31 is/are allowed.
- 6) ☒ Claim(s) 19 and 20 is/are rejected.
- 7) ☒ Claim(s) 21 and 22 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 March 2001 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

Art Unit: 2612

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 19 and 20 are rejected under 35 U.S.C. 102(b) as being anticipated by SONY HD Camcorder HDW-F900 (admitted prior art cited by Applicant and Figs, 1 and 2).

With regard to claim 19, the Sony reference discloses in Figs. 1 and 2 the lens mount apparatus for removably supporting interchangeable lens (combination of lens mount 20 and image detector unit 26 is used to interchange lenses mounted on face plate 16 on the front of video camera 10, last paragraph of pages 7 and 8), reinforcing structure (face plate 16 is shown in Fig. 2, last paragraph of page 7), inner surface (face plate 16 includes inner surface that fits an outer surface of the front and top of video 10 by machine screws 18, Fig. 2), lens mount mechanism lens mount 24 is attached to face plate 16 by screws 22, Fig. 1, page 8), and fasteners (machine screws 18 is used to attach face plate 16 to the front of video camera 10 as shown in Fig. 2).

Art Unit: 2612

With regard to claim 20, the Sony reference discloses in Figs. 1 and 2 the reinforcing structure comprising at least two separate plates fasteners together (a plate is used to hold lens mount 14 is fastened to face plate 16 by screws 22; as the result, there is at

2. Claims 21 and 22 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

3. Claims 1-18 and 23-31 are allowed.

The prior art of record fails to suggest or disclose:

With regard to claim 1, a lens mount apparatus for the front of a video camera that has a face plate and a combination video lens mount and video image detector unit mounted on the video camera face plate, comprising a lens mount mechanism provided on said replacement face plate for selectively and interchangeably receiving lenses on an optical axis of said lens mount mechanism; and fasteners adjustably mounting the combination video lens mount and video image detector unit on said lens mount mechanism with an optical axis of the video image detector aligned with said optical axis of said lens mount mechanism.

Art Unit: 2612

With regard to claim 8, a lens mount apparatus for removably supporting interchangeable lenses on the front of a video camera separately and alternatively to a lens mount provided with the video camera, comprising a lens mount mechanism provided on said replacement face plate for selectively and interchangeably receiving the lenses, said lens mount mechanism having an opening surrounding the opening of the lens mount of the video camera; a top plate positioned on the top of and at the front of the video camera, said top plate being engaged by said replacement face plate; a bottom plate positioned on the bottom of and at the front of the video camera, said bottom plate being engaged by said replacement face plate; said replacement face plate, said top plate and said bottom plate each having an inner surface that substantially fits on an outer surface of the video camera at the locations of each of said plates; and fasteners releasably attaching each said plate to the video camera and said replacement face plate to said top and bottom plates.

With regard to claim 23, a lens mount apparatus for removably supporting interchangeable lenses on the front of a video camera that has a face plate and a combination video lens mount and video image detector unit mounted on the video camera face plate, comprising: a replacement face plate mounted on the front of the video camera as a replacement for the video camera

Art Unit: 2612

face plate; a lens mount mechanism mounted on said replacement face plate for selectively receiving the interchangeable lenses on an optical axis of said lens mount mechanism; fasteners adjustably mounting the combination video lens mount and video image detector unit on said lens mount mechanism with an optical axis of the video image detector aligned with said optical axis of said lens mount mechanism; and a lens mount housing comprising a base for the replaceable lens, said lens mount housing having axially extending arcuate projections for slidably engaging an axially facing internal surface on said lens mount mechanism for supporting and axially aligning the lens on the lens mount mechanism, said arcuate projections being circumferentially spaced from each of said fasteners when said lens mount housing is locked in position on said lens mount mechanism.

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Sony HDWF-900 model discloses face plate 16 that includes combination unit 20 comprising a video lens mount and image detector unit 26; where combination unit 20 is mounted on the inside of the face plate 16 by machine screws 22 and the lens mount and image detector cannot be separated or adjusted with respect to each other. The Sony reference does not disclose any

Art Unit: 2612

lens mount mechanism provided on a replacement face plate for selectively and interchangeably receiving lenses on an optical axis of the lens mount mechanism; and fasteners adjustably mounting the combination video lens mount and video image detector unit on said lens mount mechanism with an optical axis of the video image detector aligned with said optical axis of said lens mount mechanism.

Toyofuku et al discloses a photographic lens unit that includes a CCD image sensor attached in the back.

Izumi et al discloses an airtight mounting arrangement; where a lens holder is used to hold lens mechanism.

Ejima et al discloses a mounting process; where an imaging devices are connected to an image forming device by bonding.

Kawase et al discloses a holder to hold an image sensor an optical lens.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TUAN HO whose telephone number is (703) 305-4943. The examiner can normally be reached on Mon-Fri from 7AM to 4PM.

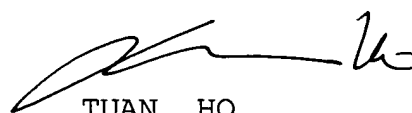
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WENDY GARBER, can be reached on (703) 305-4924. The fax phone number for the

Art Unit: 2612

organization where this application or proceeding is assigned is

(703) 872-9306

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.



TUAN HO

Primary Examiner

Art Unit 2612